

MRO Integrated Supply Chain Management Overview

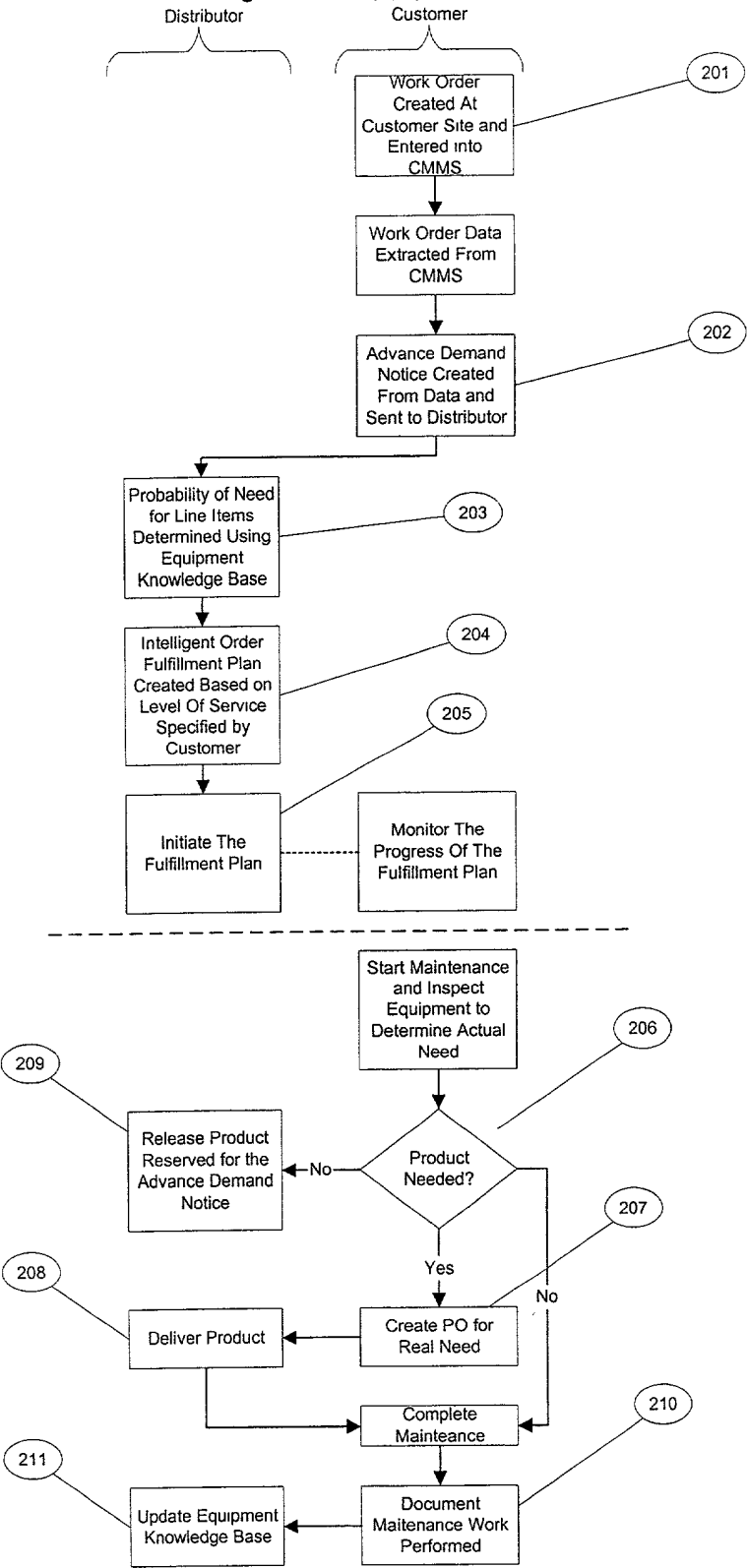


Figure 1



Agent Server Components

Depicted in the Context of a Customer Site

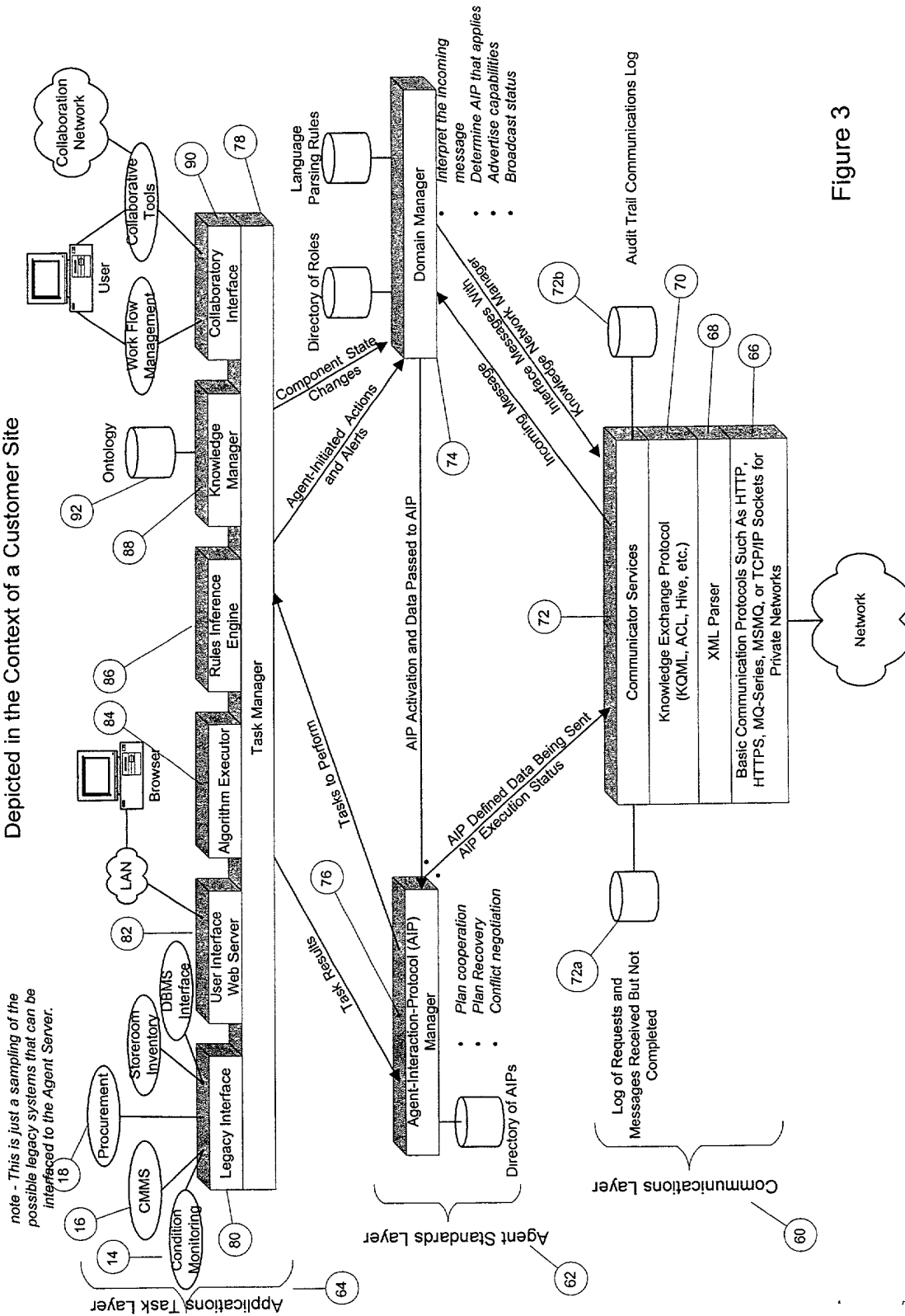


Figure 3

Agent Server Components Depicted in the Context of a Distributor Site

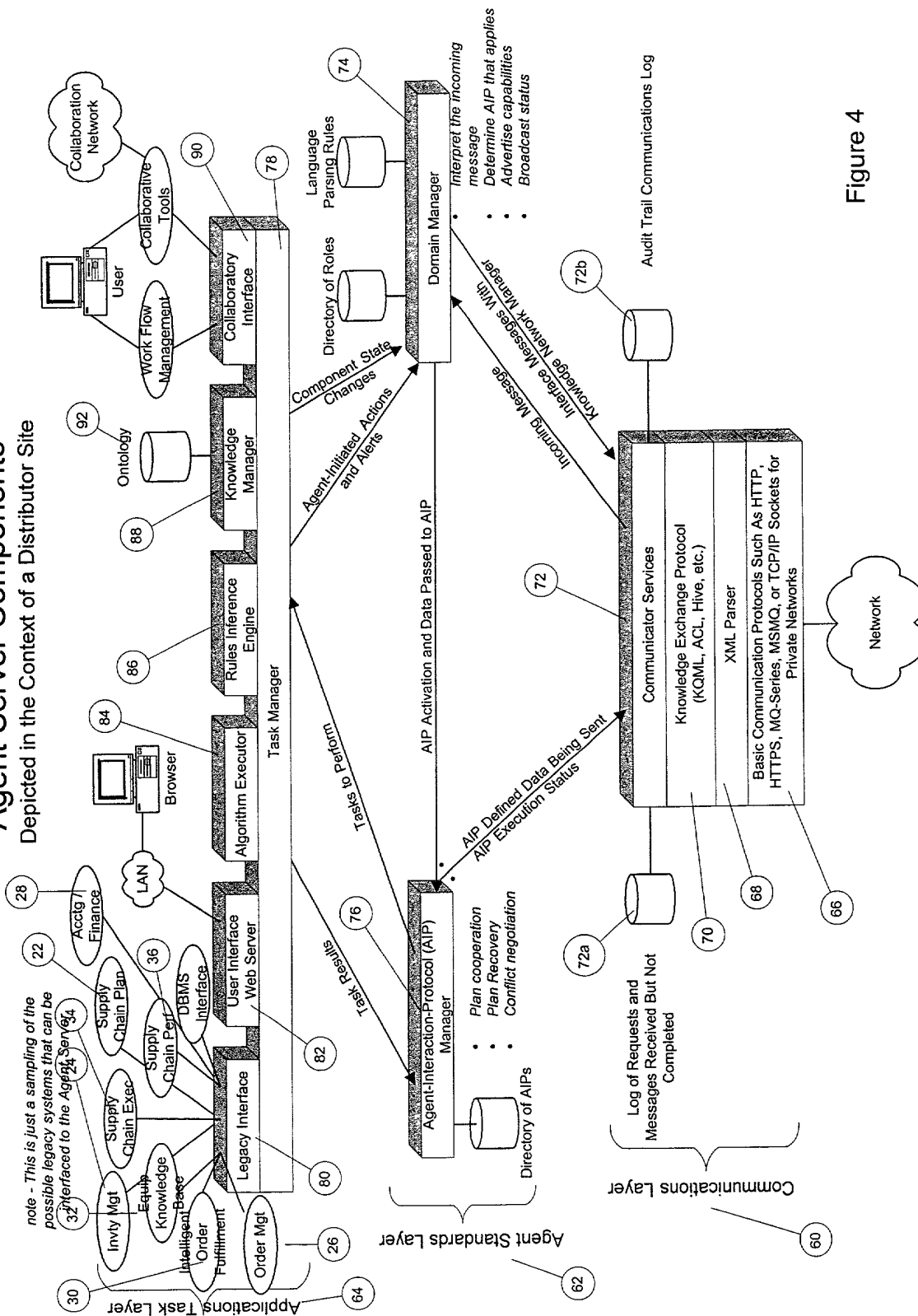


Figure 4

Agent Server Components Depicted in the Context of a Supplier Site

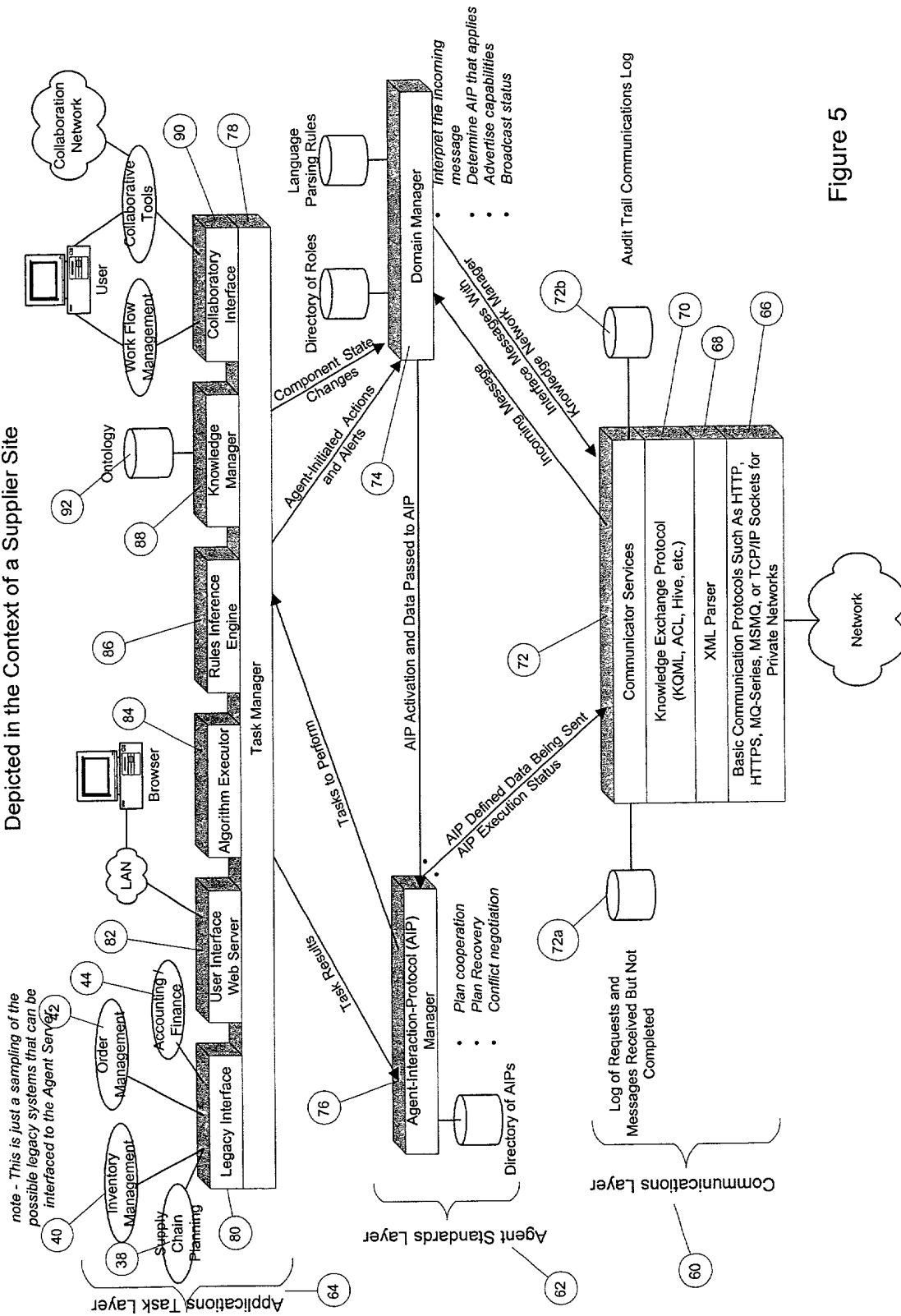


Figure 5

Intelligent Order Fufillment Planning

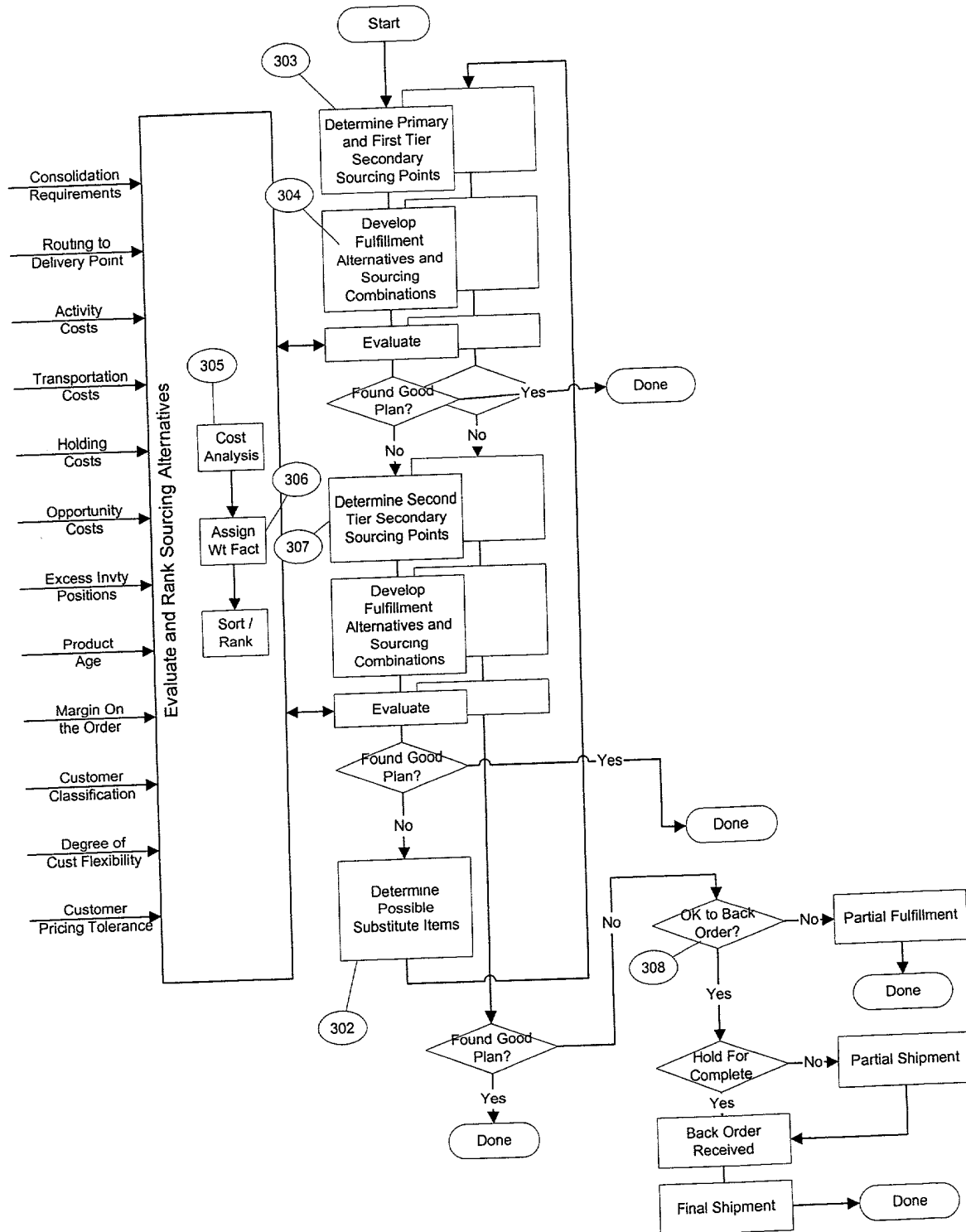


Figure 7

Inventory Management

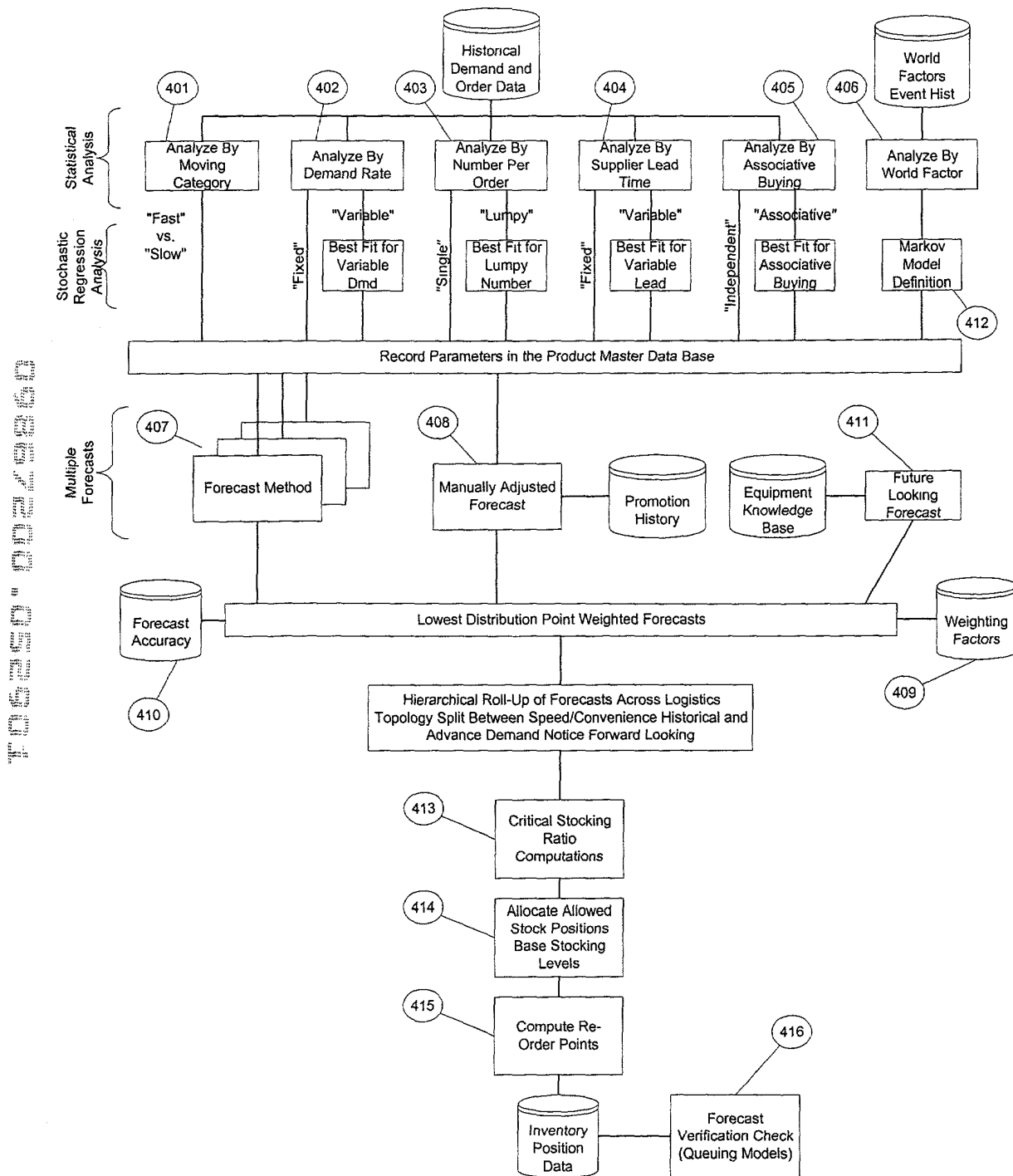
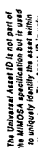


Figure 8

[illegible]

Note - MIMOSA suggests using Table 31 - Asset Type and Table 99 Asset Type Child instead of the segment type tables. Schemata are the same, but the segment



The design of the Equipment Knowledge Base uses the MIMOSA specifications to the extent possible. This drawing is based on version 2.1 of MIMOSA. The MIMOSA specifications for work orders, work orders and solution packages will be used for agents to extract data from the customer's CMMS and pass to the EKB. Version 2.1 defines some of these agent transactions

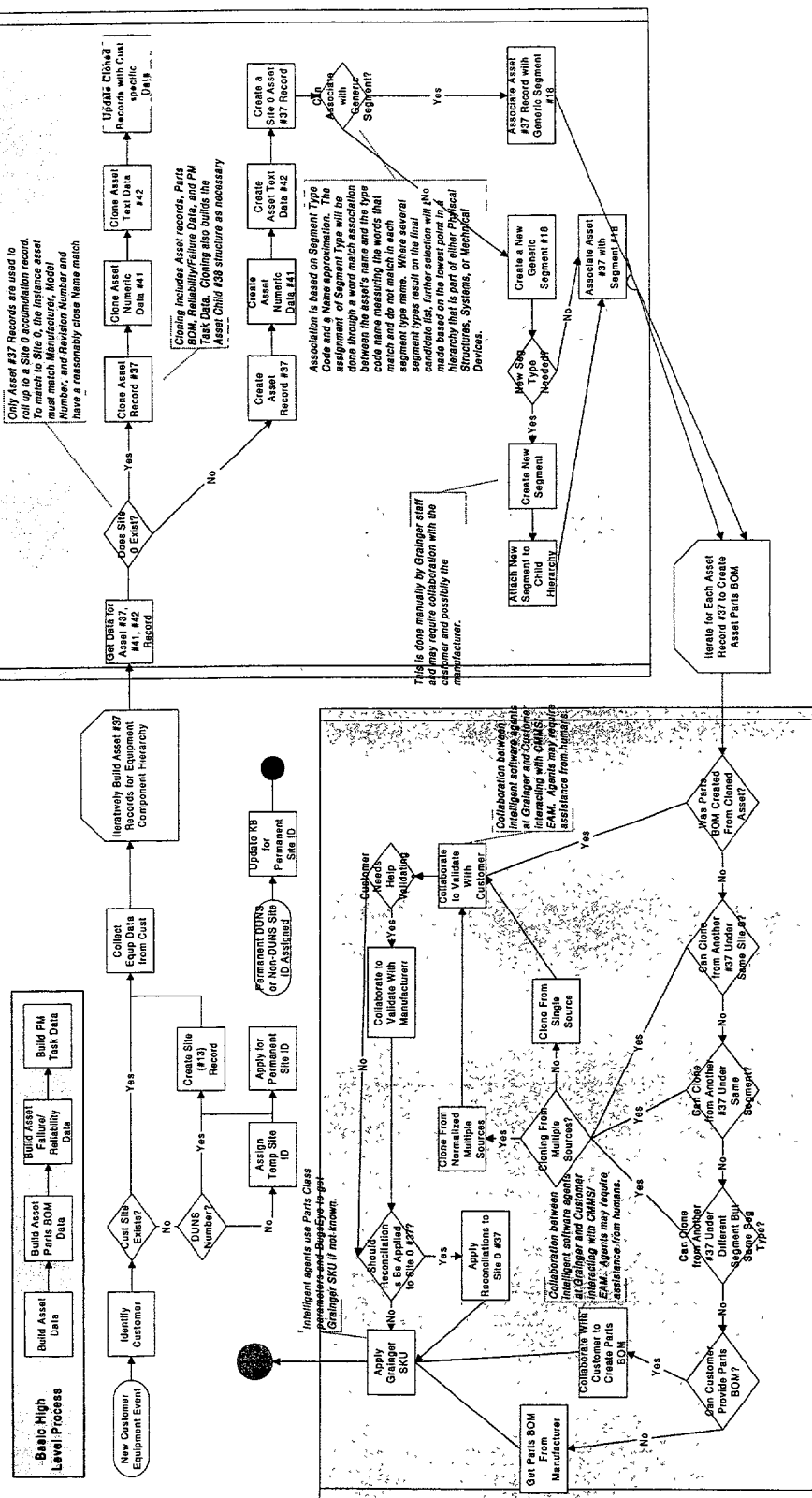


Figure 10a

Variable	Mean	SD	Range	Skewness	Kurtosis	Shapiro-Wilk	Normality
Age	35.2	12.5	18-65	0.1	0.2	0.99	Yes
Gender	1.2	0.4	1-2	0.1	0.2	0.99	Yes
Marital Status	1.5	0.5	1-3	0.1	0.2	0.99	Yes
Education	12.5	2.5	9-16	0.1	0.2	0.99	Yes
Income	1500	500	500-3000	0.1	0.2	0.99	Yes
Occupation	1.5	0.5	1-3	0.1	0.2	0.99	Yes
Health Status	1.5	0.5	1-3	0.1	0.2	0.99	Yes
Stress Level	2.5	1.0	1-4	0.1	0.2	0.99	Yes
Life Satisfaction	3.5	1.0	1-5	0.1	0.2	0.99	Yes
Resilience	4.5	1.0	1-5	0.1	0.2	0.99	Yes
Optimism	3.5	1.0	1-5	0.1	0.2	0.99	Yes
Emotional Stability	3.5	1.0	1-5	0.1	0.2	0.99	Yes
Self-Esteem	3.5	1.0	1-5	0.1	0.2	0.99	Yes
Life Satisfaction	3.5	1.0	1-5	0.1	0.2	0.99	Yes
Resilience	4.5	1.0	1-5	0.1	0.2	0.99	Yes
Optimism	3.5	1.0	1-5	0.1	0.2	0.99	Yes
Emotional Stability	3.5	1.0	1-5	0.1	0.2	0.99	Yes
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Resilience	4.5	1.0	1-5	0.1	0.2	0.99	Yes
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Life Satisfaction	3.5	1.0	1-5	0.1	0.2	0.99	Yes
Resilience	4.5	1.0	1-5	0.1	0.2	0.99	Yes
Optimism	3.5	1.0	1-5	0.1	0.2	0.99	Yes
Emotional Stability	3.5	1.0					

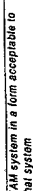
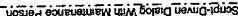


Figure 10b

[illegible]

Getting the maintenance staff to document the maintenance actions taken and MRO products used in those actions as well as the associated reliability statistical state of the equipment when the MRO products were required will be a challenge. The tools and processes need to be as simple and easy to use as possible.

MRO Integrated Supply Chain Management Environment and System

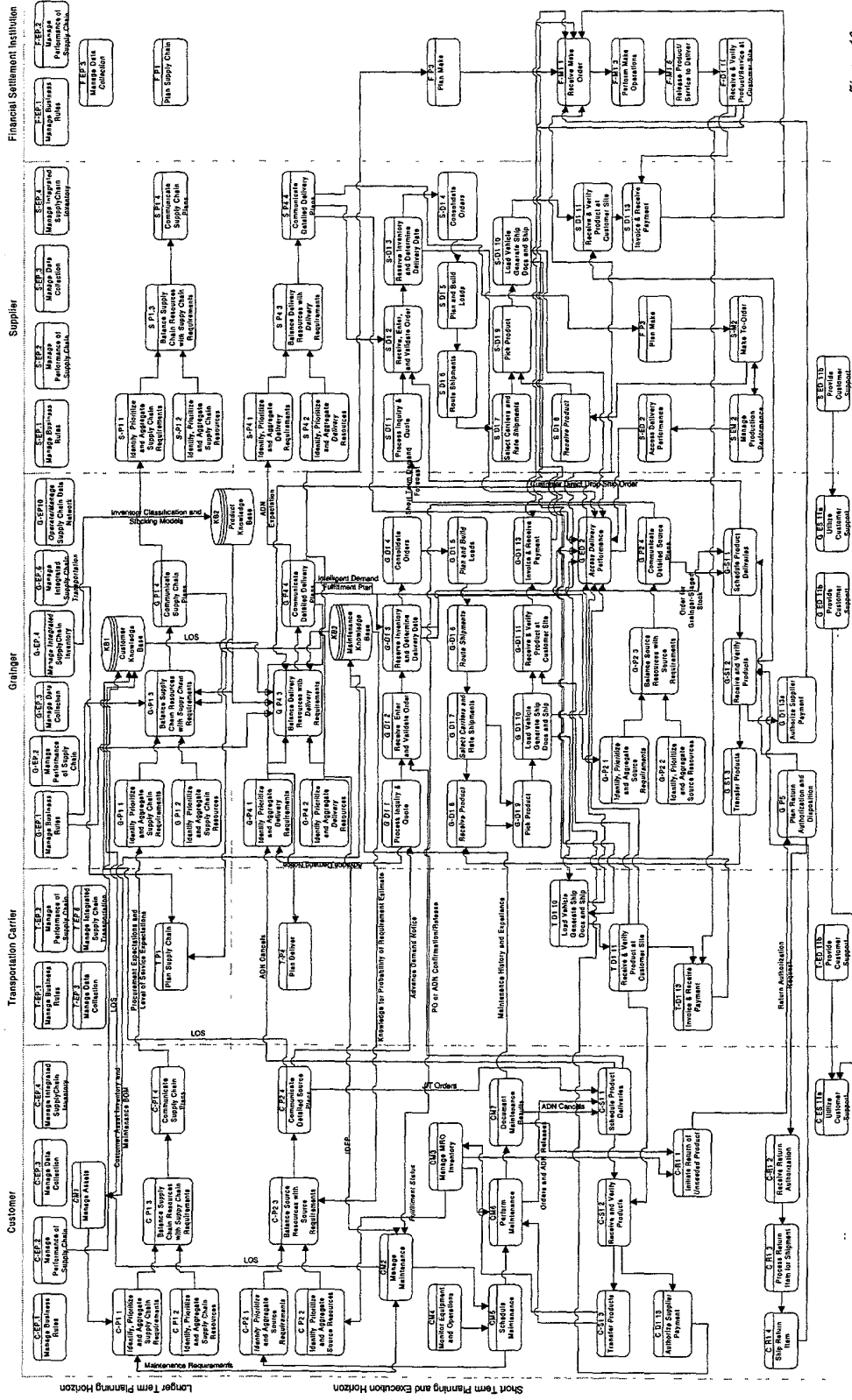


Figure 12

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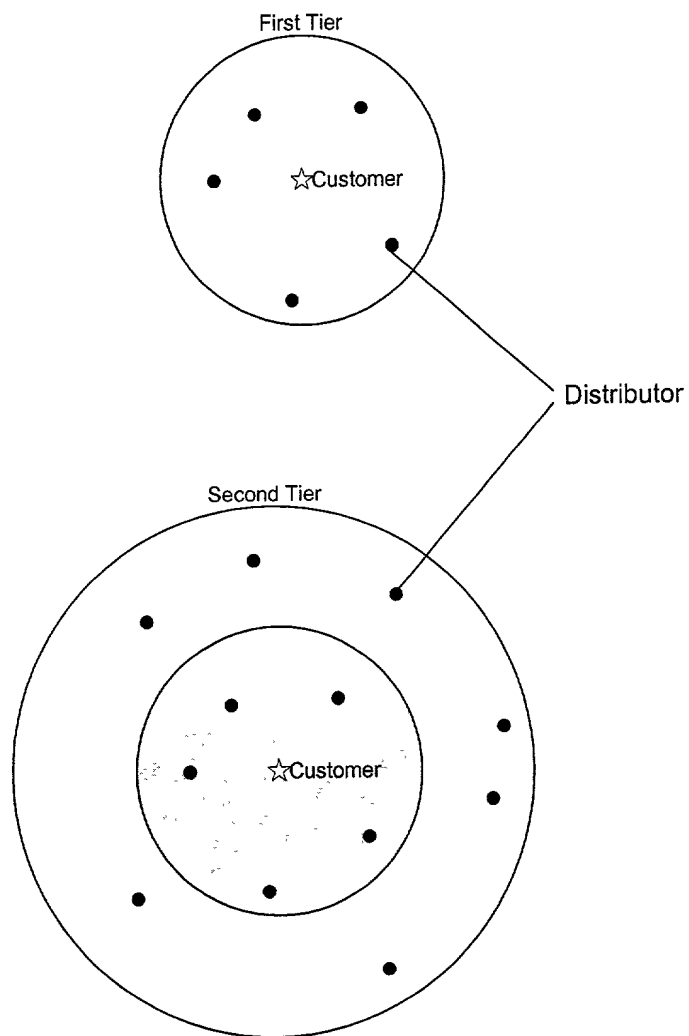


FIGURE 13